

In the specification:

Page 1, after the title and before FIELD OF THE INVENTION
insert:

The benefits under 35 U.S.C. 119 are claimed of
provisional patent applications 60/428,781 filed November 25, 2002;
60/429,362 filed November 26, 2002 and 60/499,406 filed September
2, 2003.

Page 2, amend the paragraph beginning at line 26 as follows:

The use of original spraying technology for paper re-moisturizing turned to a huge success with advancement of computer technology in the early 70's. Spraying of other materials has periodically been tested e.g. for paper surfacing but the results were largely unsuccessful. Even the latest applicator methods as presented in the US patent 4,944,960 with improvements shown in the European Patent EP 0682571 still lack their first commercial application. The paper manufacturing itself has also been tried with gap sprayer technology but so far without success. One of the key components for fiber spraying is the nozzle shown in the recent US patent ~~application 10/455,194~~ 6,866,207 by Kangas.

Page 8, amend the paragraph beginning at line 24 as follows:

Fig. 5 comprises of two examples of solid blade non-metering devices 5 and roller 11, and 5 and table 12 that are different from conventional industry doctors as they can not remove

material from the web 1 surface but can ~~shit~~ shift it laterally in a small scale. This inability to remove material is secured as there is no solid backing device as would be needed. The material shifting power is controlled by the gap of 52 that together with web tension impacts the material shifting capability of this doctoring device. The non-metering device consists of a replaceable blade 501 that can be either rigid or soft and easily bending, support mechanism 502, 507 and 508 and load changing system 504, steam, air or wet gas 40 injection distributor 505 used when needed. When wet gas like steam is injected it condenses immediately as a thin solid layer on the top of the coating improving further the quality of paper surfacing. However, if the sprayed materials are temperature sensitive, like paper coatings, this distributor 505 can also be fed with stable water mist generated by ultrasonic mist generator 400 and then ducted 401 to this distributor. It may sometimes also be desirable to replace the typical doctor shower nozzles, not shown, with fine water mist provided through a separate mist distributor 402 to secure wetting of the tip of the non-metering doctor blade 501.